

Cold Storage Solution





Company Profile

Shanghai Unicorn Medical Technology Co., Ltd. is a high-tech enterprise which specialized in designing, manufacturing and marketing of laboratory & medical refrigerator and freezers, such as pharmacy refrigerators, ultra low temperature freezers, deep freezers, cold room, customized commercial freezers and cold chain equipment .

We pursue the concept of “For a healthy world, For a healthy future” with the strong technical support from R&D team. We produce environmentally friendly products for high-end brand technical areas like research institutes, hospitals, laboratories, commercial retails with the dedication to build a green bridge for health of the humanity and the world.

We had obtained the national & international certification of ISO13485, ISO9001, ISO14001, strike forward to the international first-class enterprise with the quality management goal of orderly, continuous improvement and controllable risk.

Operating honestly, focusing on quality and complying with the law is our basic principle. We aim to serve for the society and for a better environment with producing environmentally products and offering best customer service.

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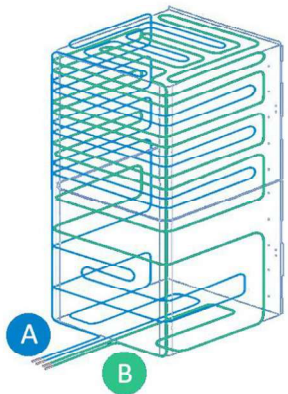
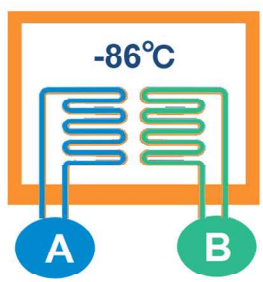


DUAL SYSTEM



UNICORN DUAL SYSTEM ULT SERIES

-86°C ULT freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis. Applications can be found in blood banks, hospitals, edipemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

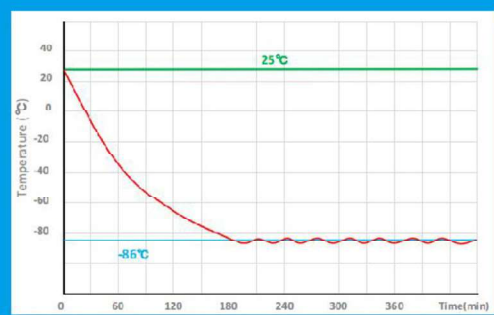
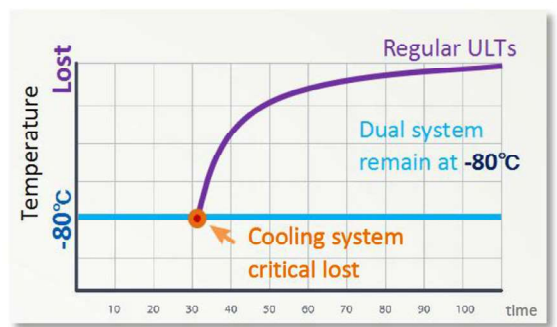


❄️ 2 Independent Cooling System

Dual cooling system is designed with 2 independent cooling systems which provides extra insurance for bio-samples. Dual cooling system maximizes optimal reliability, longevity

✓ Extreme Safety

Should one system unexpectedly fail, the other will maintain a temperature in the -70°C range ensuring that the sensitive samples not put at risk separately.

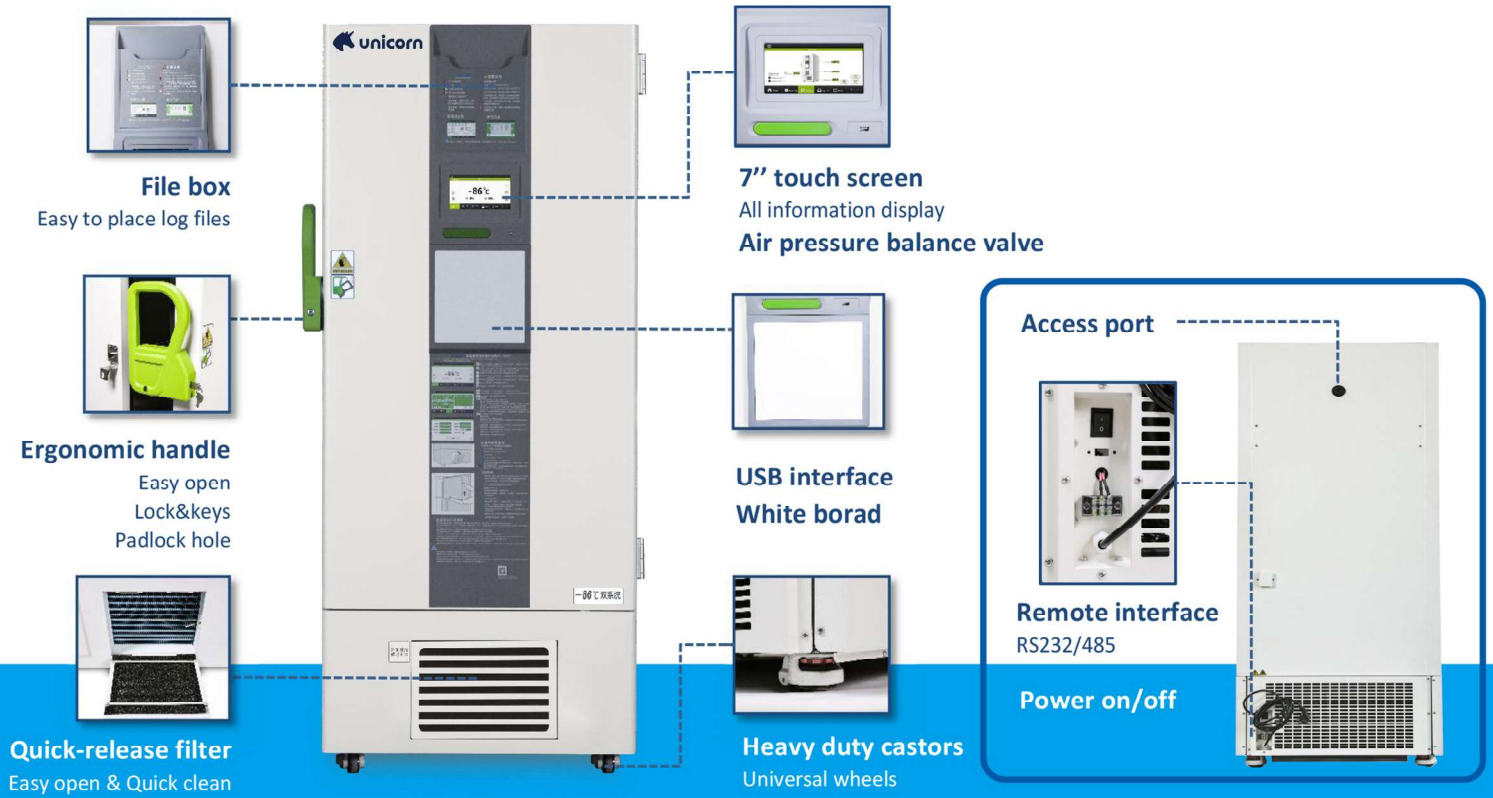


Pull down test at ambient temp. 25°C

⚡ Ultimate cooling performance

Double security with two independent cooling when one system breakdown, the other system could maintain the inner temperature at -70°C.

EXTERNAL STRUCTURE



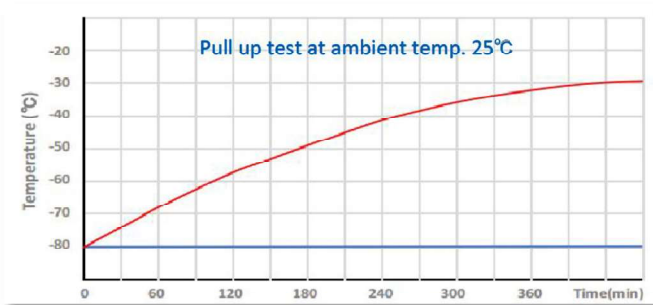
FEATURES



7" LCD touch screen
Easy operation and observation



Smart Operating System
Authorities, alarms, curve & events



Advanced insulation tech
Fumed Silicon V.I.P & PURF



Multi-layer sealing design
Foamed inner doors with silicon gaskets



Eco-friendly
CFC-free refrigerant & insulation



Energy saving
More efficient cooling system



INTERNAL STRUCTURE



Adjustable shelves



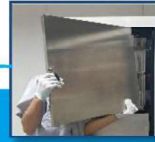
PTC sensor



Pressure-regulated inner door handle



Multi-layer silicone sealing gaskets
Low temperature resistance



SUS 304 inner door filled with PURF
Detachable design

ALL
SUS 304
inside



ACCESSORIES



LN₂/CO₂ backup system



Data logger



Chart recorder



Racks & Boxes



Gloves

DUAL SYSTEM SERIES



SUF-86U838D



SUF-86U728D



SUF-86U588D



SUF-86U408D

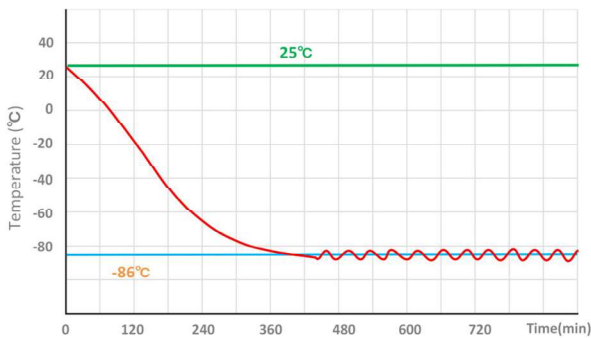
TECHNICAL PARAMETER

Item	Model	SUF-86U408D	SUF-86U588D	SUF-86U728D	SUF-86U838D
Specifications	Shelf/drawer QTY	Stainless steel shelf/3	Stainless steel shelf/3	Stainless steel shelf/3	Stainless steel shelf/3
	Cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost	Manual	Manual	Manual	Manual
	Refrigerant	R4001	R4001	R4001	R4001
	Power Consumption(kWh/24h)	13.8	16.23	23.44	19.98
	Noise (db)	53	53	55	55
	Ambient temperature (℃)	10~32℃	10~32℃	10~32℃	10~32℃
Temperature range (℃)	-40~-86℃	-40~-86℃	-40~-86℃	-40~-86℃	
Cooling system	Compressor brand/QTY	SECOP/2	SECOP/2	SECOP/2	SECOP/2
	Sensor	PTC	PTC	PTC	PTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LCD display	LCD display	LCD display	LCD display
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	1350W	1500W	1400W	1700W
	Current (A)	8.9A	10.47A	10.37A	10.75A
Material	Inside material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	408/14.40	588/20.76	728/25.70	838/29.59
	NT/GT. (kg)	285/310	303/332	380/400	391/424
	Exterior size(W*D*H)(mm)	891×992×1945.5	891×1155×1994.5	1248×975×1994.5	1179×1135×1994.5
	Interior size(W*D*H)(mm)	606*575*1180	606*738*1310	963*571*1350	894*718*1310
	Package size(W*D*H)(mm)	954×955×2094	970×1138×2185	1320×970×2185	1262×1098×2185
	CBM	1.93	2.42	2.8	3.12
	20GP/40GP/40HQ	12/24/24	12/24/24	8/18/18	8/18/18
Frozen Racks	Racks	8(5X4)+8(4X4)	16(5X5)	18(5X4)+6(6X4)	24(5X5)
	Boxes (2 Inches)	288	400	504	600
	Samples(2ml)	28800	40000	50400	60000
Alarm	High/low temperature	Y	Y	Y	Y
	Power failure	Y	Y	Y	Y
	Abnormal voltage	Y	Y	Y	Y
	Sensor error	Y	Y	Y	Y
	Filter screen check	Y	Y	Y	Y
	Thermostat failure	Y	Y	Y	Y
	Low battery	Y	Y	Y	Y
	Condenser clean	Y	Y	Y	Y
	High ambient temperature	Y	Y	Y	Y
	Door ajar	Y	Y	Y	Y
Power failure backup system(alarm)	72h	72h	72h	72h	
Accessories	Castor	Y	Y	Y	Y
	Inside door	2	2	2	2
	Test hole QTY/diameter	1/25MM	1/25MM	1/25MM	1/25MM
	USB port	Y	Y	Y	Y
	Chart recorder	/	/	/	/
	Data logger	Optional	Optional	Optional	Optional
	Remote alarm port	Y	Y	Y	Y
Optional	CO2 back up system	Optional	Optional	Optional	Optional
	LN2 back up system	Optional	Optional	Optional	Optional
Other	Certification	ISO.CE	ISO.CE	ISO.CE	ISO.CE



UNICORN CASCADE SYSTEM ULT SERIES

-86°C ULT freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis. Applications can be found in blood banks, hospitals, epidemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

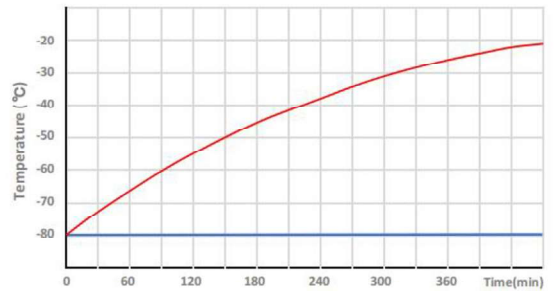


Pull down test at ambient temp. 25°C



Super-stable Cooling System

As the most mature ultra-low temperature refrigeration technology in the world, the cascade refrigeration technology has the characteristics of stable performance, easy maintenance and long service life.

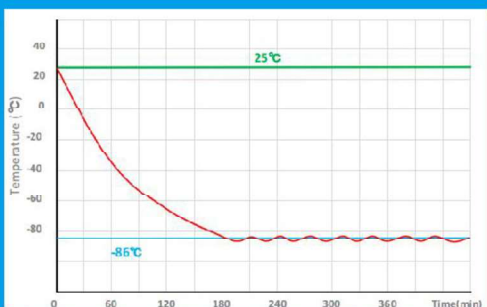


Pull up test at ambient temp. 25°C



Advanced thermal insulation

Advanced insulation materials and interior design of multiple independent spaces make ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.



Pull down test at ambient temp. 25°C



Ultimate cooling performance

Microprocessor-controlled system designed for controlled range of -40°C to -86°C for cabinet space with 1°C increment.

EXTERNAL STRUCTURE

File box
Easy to place log files

7" touch screen
All information display
Air pressure balance valve

Ergonomic handle
Easy open
Lock&keys
Padlock hole

USB interface
White board

Access port

Remote interface
RS232/485

Power on/off

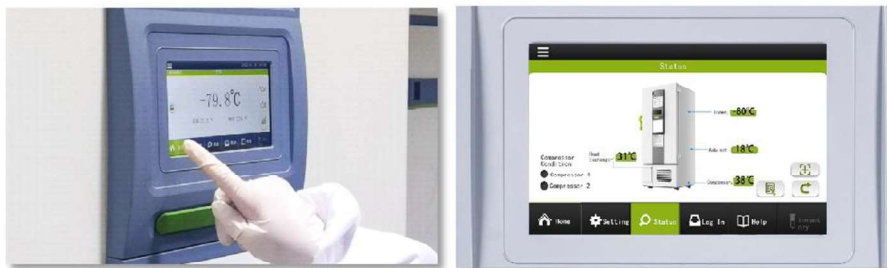
Quick-release filter
Easy open & Quick clean

Heavy duty castors
Universal wheels

FEATURES

 **7" LCD touch screen**
Easy operation and observation

 **Smart Operating System**
Authorities, alarms, curve & events



 **Multi-layer sealing design**
Better sealing, better insulation

 **International certifications**
ISO9001, ISO13485 & CE verified

 **Eco-friendly**
CFC-free refrigerant & insulation

 **Energy saving**
More efficient cooling system



INTERNAL STRUCTURE

Adjustable shelves

PTC sensor

Pressure-regulated inner door handle

Multi-layer silicone sealing gaskets
Low temperature resistance

SUS 304 inner door filled with PURF
Detachable design

ALL SUS 304 inside

ACCESSORIES



LN₂/CO₂ backup system



Data logger



Chart recorder



Racks & Boxes



Gloves

CASCADE SYSTEM SERIES

SUF-86U338 **SUF-86U408** **SUF-86U588** **SUF-86U728** **SUF-86U838**

TECHNICAL PARAMETER

Item	Model	SUF-86U338	SUF-86U408	SUF-86U588	SUF-86U728	SUF-86U838
Specificaitons	Shelf/drawer QTY	Stainless steel shelf/3	Stainless steel shelf/3	Stainless steel shelf/3	Stainless steel shelf/3	Stainless steel shelf/3
	Cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost	Manual	Manual	Manual	Manual	Manual
	Refrigerant	HC	HC	HC	HC	HC
	Power Consumption(kWh/24h)	14.13	16.21	14.95	15.99	17.07
	Noise (db)	50	50	53	53	53
	Ambient temperature (℃)	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃
	Temperature range (℃)	-40~-86℃	-40~-86℃	-40~-86℃	-40~-86℃	-40~-86℃
Cooling system	Compressor brand/QTY	SECOP/2	SECOP/2	SECOP/2	SECOP/2	SECOP/2
	Sensor	PTC	PTC	PTC	PTC	PTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LCD display	LCD display	LCD display	LCD display	LCD display
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	870W	845W	815W	935W	890W
	Current (A)	7.93A	8.43A	8.33A	8.48A	8.64A
Material	Inside material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	338/11.93	408/14.40	588/20.76	728/25.70	838/29.59
	NT/GT. (kg)	286/306	292/317	307/368	360/401.5	397/430
	Exterior size(W*D*H)(mm)	854×1072×1907	891×992×1945.5	891×1155×1994.5	1248×975×1994.5	1179×1135×1994.5
	Interior size(W*D*H)(mm)	488×607×1140	606×575×1180	606×738×1310	963×571×1350	894×718×1310
	Package size(W*D*H)(mm)	935×1070×2128	954×955×2094	970×1138×2185	1320×970×2185	1262×1098×2185
	CBM	2.14	1.93	2.45	2.80	3.12
	20GP/40GP/40HQ	12/24/24	12/24/24	12/24/ 24	8/18/18	8/18/18
Frozen Racks	Racks	12(4X4)	16(5X4,4X4)	16(5X5)	18(5x4)+6(6x4)	24(5X5)
	Boxes (2 Inches)	192	288	400	504	600
	Samples(2ml)	19200	28800	40000	50400	60000
Alarm	High/low temperature	Y	Y	Y	Y	Y
	Power failure	Y	Y	Y	Y	Y
	Abnormal voltage	Y	Y	Y	Y	Y
	Sensor error	Y	Y	Y	Y	Y
	Filter screen check	Y	Y	Y	Y	Y
	Thermostat failure	Y	Y	Y	Y	Y
	Low battery	Y	Y	Y	Y	Y
	Condenser clean	Y	Y	Y	Y	Y
	High ambient temperature	Y	Y	Y	Y	Y
	Door ajar	Y	Y	Y	Y	Y
Power failure backup system(alarm)	72h	72h	72h	72h	72h	
Accessories	Castor	Y	Y	Y	Y	Y
	Inside door	2	2	2	2	2
	Test hole QTY/diameter	2/25MM	1/25MM	1/25MM	1/25MM	1/25MM
	USB port	Y	Y	Y	Y	Y
	Chart recorder	Optional	Optional	Optional	Optional	Optional
	Data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Y	Y	Y	Y	Y
Optional	CO2 back up system	Optional	Optional	Optional	Optional	Optional
	LN2 back up system	Optional	Optional	Optional	Optional	Optional
Other	Certification	ISO.CE	ISO.CE	ISO.CE	ISO,CE	ISO,CE

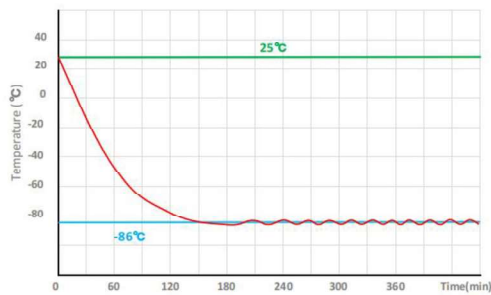


340 liters
19,200
samples



UNICORN AUTO-CASCADE SYSTEM ULT SERIES

-86°C ULT freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis. Applications can be found in blood banks, hospitals, edipemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.



Pull down test at ambient temp.



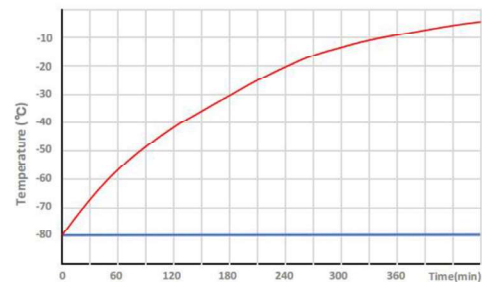
Super-cooling technology

Auto-cascade cooling system is designed with a powerful compressor which drives the unique mixed refrigerant for fast cabinet cooling down. The system is simple in construction, energy saving and easy maintenance.

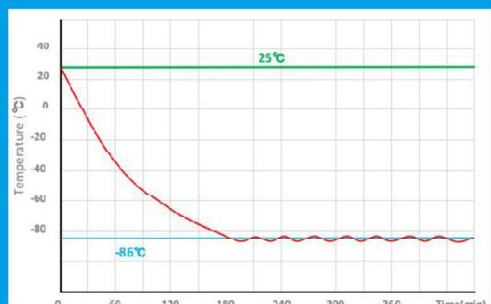


Advanced thermal insulation

Advanced insulation materials and interior design of multiple independent spaces make ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.



Pull up test at ambient temp. 25°C



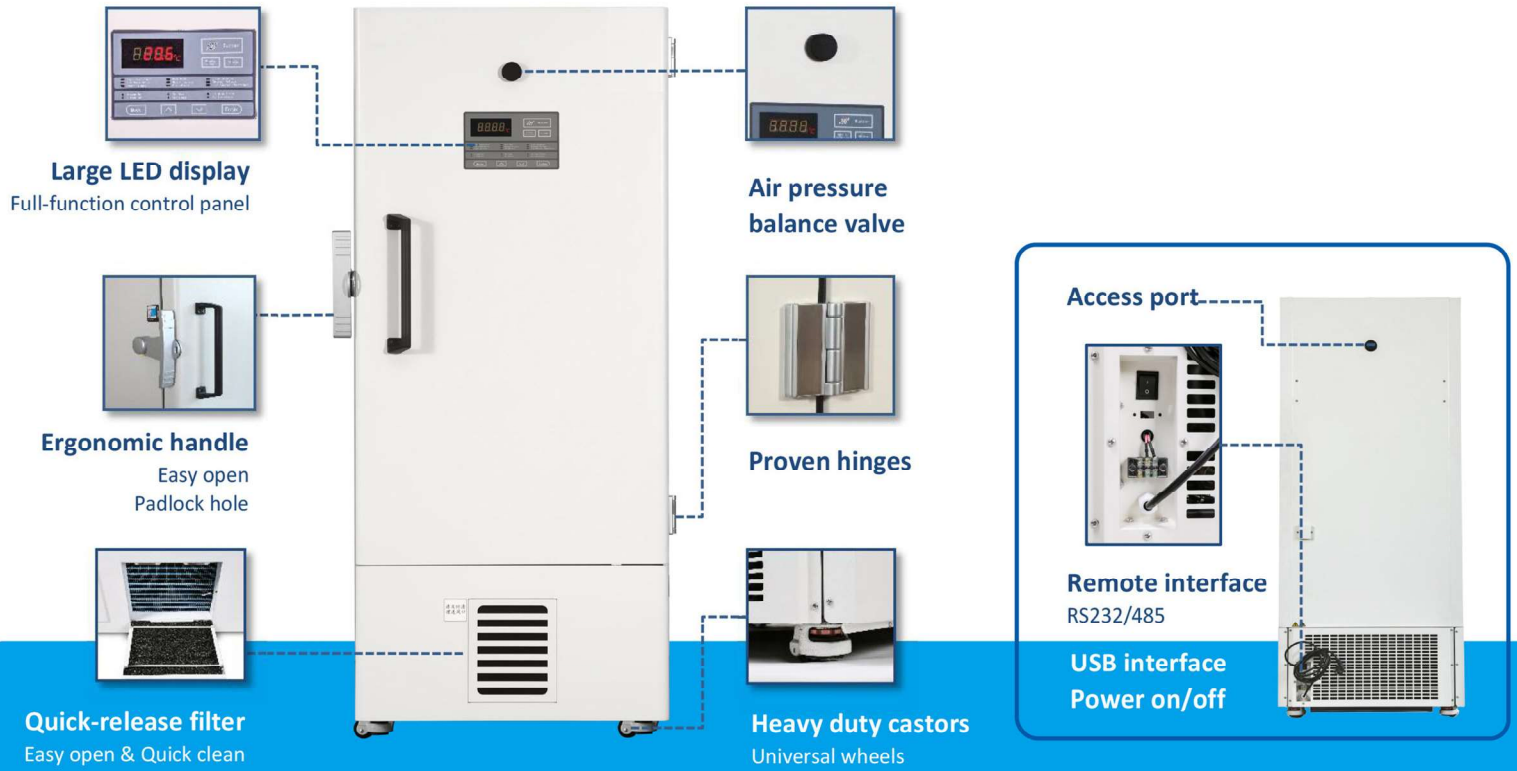
Pull down test at ambient temp. 25°C



Ultimate cooling performance

Microprocessor-controlled system designed for controlled range of -40°C to -86°C for cabinet space with 1°C increment

EXTERNAL STRUCTURE



FEATURES

 **Large LED display**
Full-function control panel

 **10 types of Alarms**
Audible and visual alarms

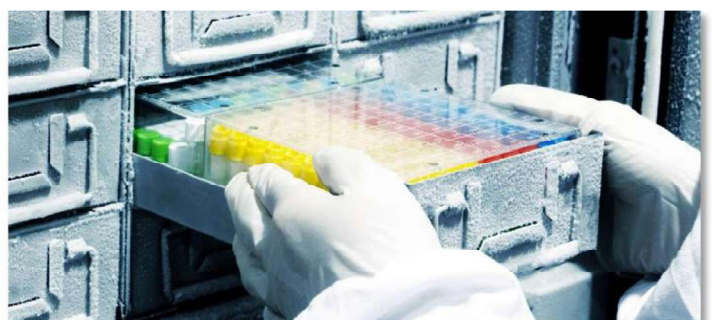


 **Multi-layer sealing design**
Better sealing, better insulation

 **International certifications**
ISO9001, ISO13485 & CE verified

 **Eco-friendly**
CFC-free refrigerant & insulation

 **Energy saving**
More efficient cooling system



INTERNAL STRUCTURE



Adjustable shelves

PTC sensor

Pressure-regulated inner door handle

Multi-layer silicone sealing gaskets
Low temperature resistance

SUS 304 inner door filled with PURF
Detachable design

ALL SUS 304 inside









ACCESSORIES



LN₂/CO₂ backup system



Data logger



Chart recorder



Racks & Boxes



Gloves

SELF-CASCADE SYSTEM SERIES



SUF-86U838E



SUF-86U728E



SUF-86U588E



SUF-86U408E



SUF-86U340E



SUF-86U188E



SUF-86U58



-40°C BIOMEDICAL DEEP FREEZER is widely used in hospitals and laboratories. Designed to store vaccines, blood plasma and many other biological materials. Installations can be found in research institutions and clinical sites in the life science, pharma, biotech, medical and electronics sectors.

FEATURES



Fast pull down

Better cooling performance



Coil evaporator

Better temperature uniformity



Inner-door design

4 individual inner door



Universal castor wheels

Proven heavy-duty castors with brake



Lockable doors

Standard locks with keys



High-quality steel materials

Antibacterial and corrosion resistant



Precise temp. control

Temp. control accurate to 0.1°C



5 types of alarm

Audible and visual alarms



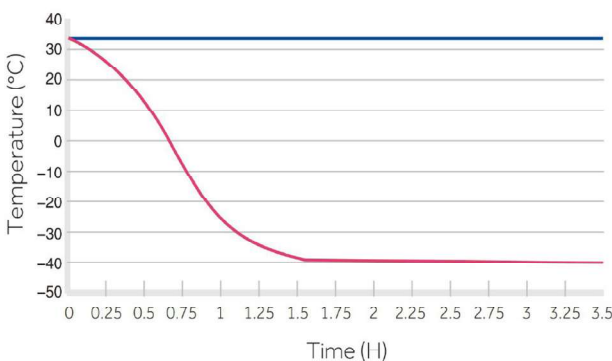
Variable space

Height adjustable shelves

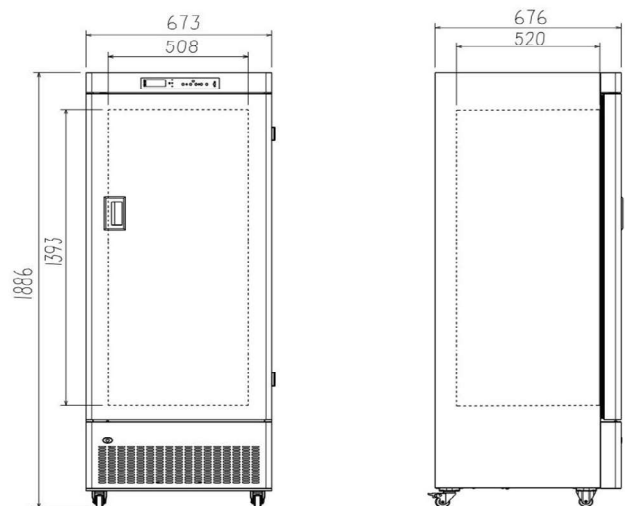


Eco-friendly

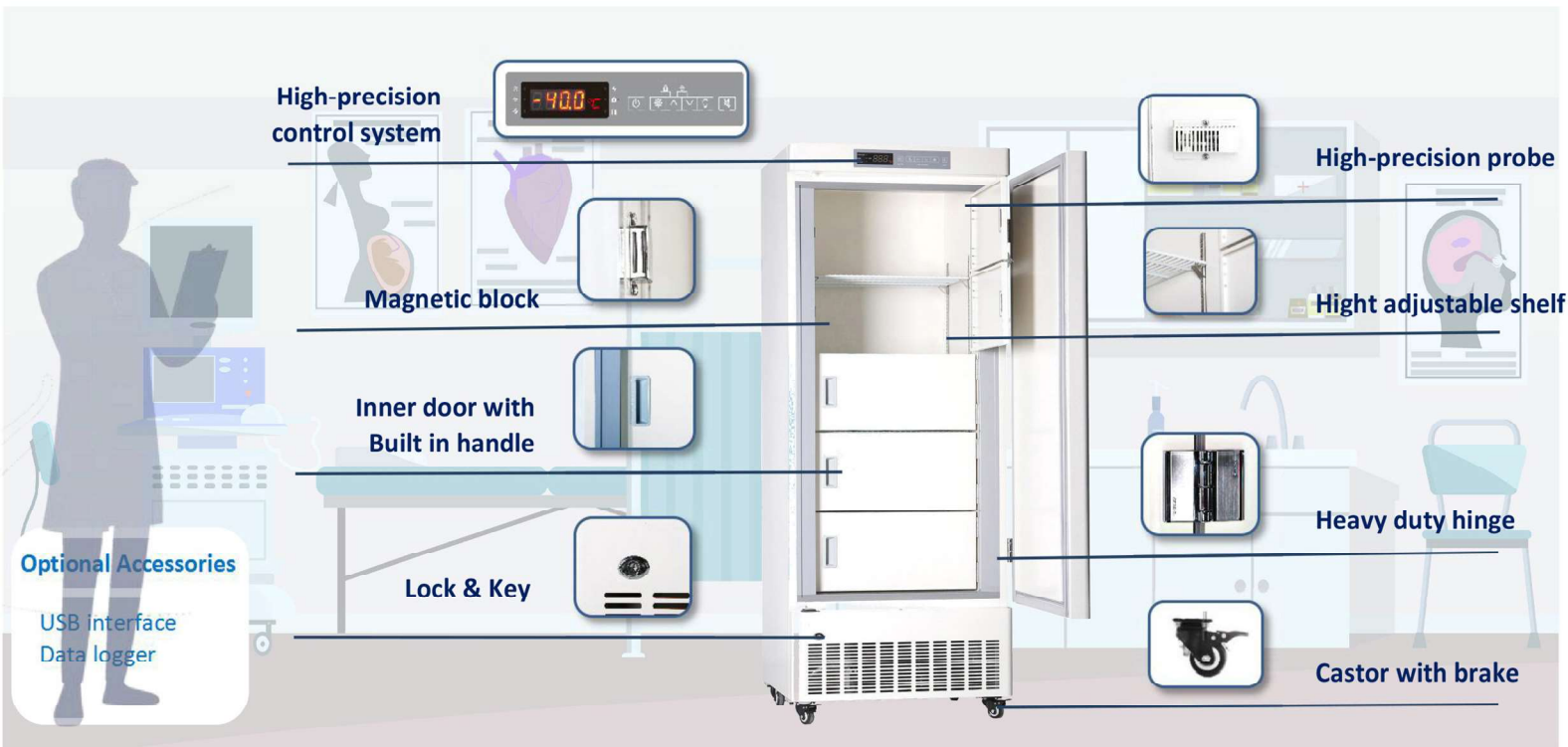
CFC-free refrigerant and energy-saving



Pull Down Test at Ambient



STRUCTURE



Sensor error alarm

High/low temp. alarm

Power failure alarm

Door ajar alarm

Thermostat failure alarm



Coil evaporator cooling system makes the chamber temperature more uniform. The 4 independent inner doors give the cabinet better insulation performance and are more convenient to use.

PRODUCTS



SUF-40U268E



SUF-40U278W



SUF-40U328E



SUF-40U358



SUF-40U368



SUF-40U528



SUF-40U936



-25 Degree Medical Deep Freezer is widely used in hospitals and laboratories. This is for placing and preserving storage such as drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries and important biological and chemical reagents.

FEATURES



Fast pull down

Better cooling performance



Coil evaporator

Better temperature uniformity



Inner-door design

4 individual inner door



Universal castor wheels

Proven heavy-duty castors with brake



Lockable doors

Standard locks with keys



High-quality steel materials

Antibacterial and corrosion resistant



Precise temp. control

Temp. control accurate to 0.1°C



5 types of alarm

Audible and visual alarms



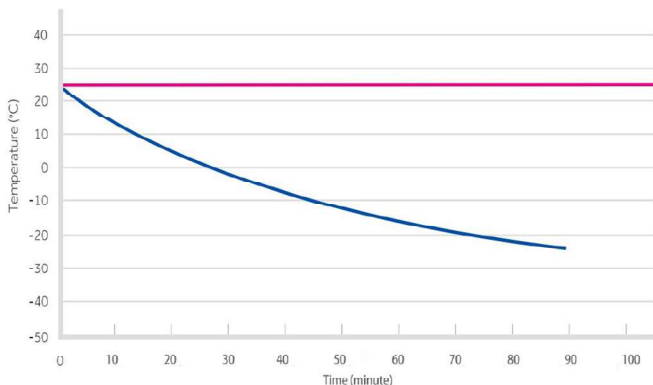
Variable space

Height adjustable shelves

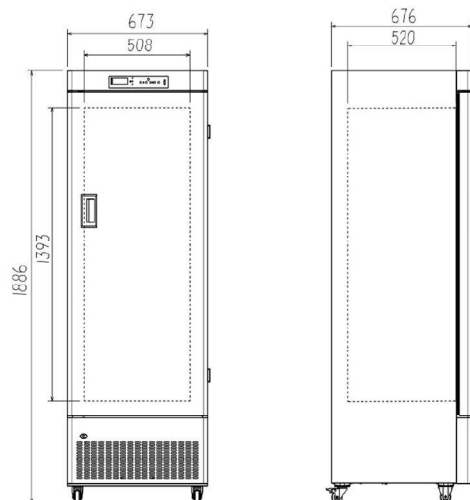


Eco-friendly

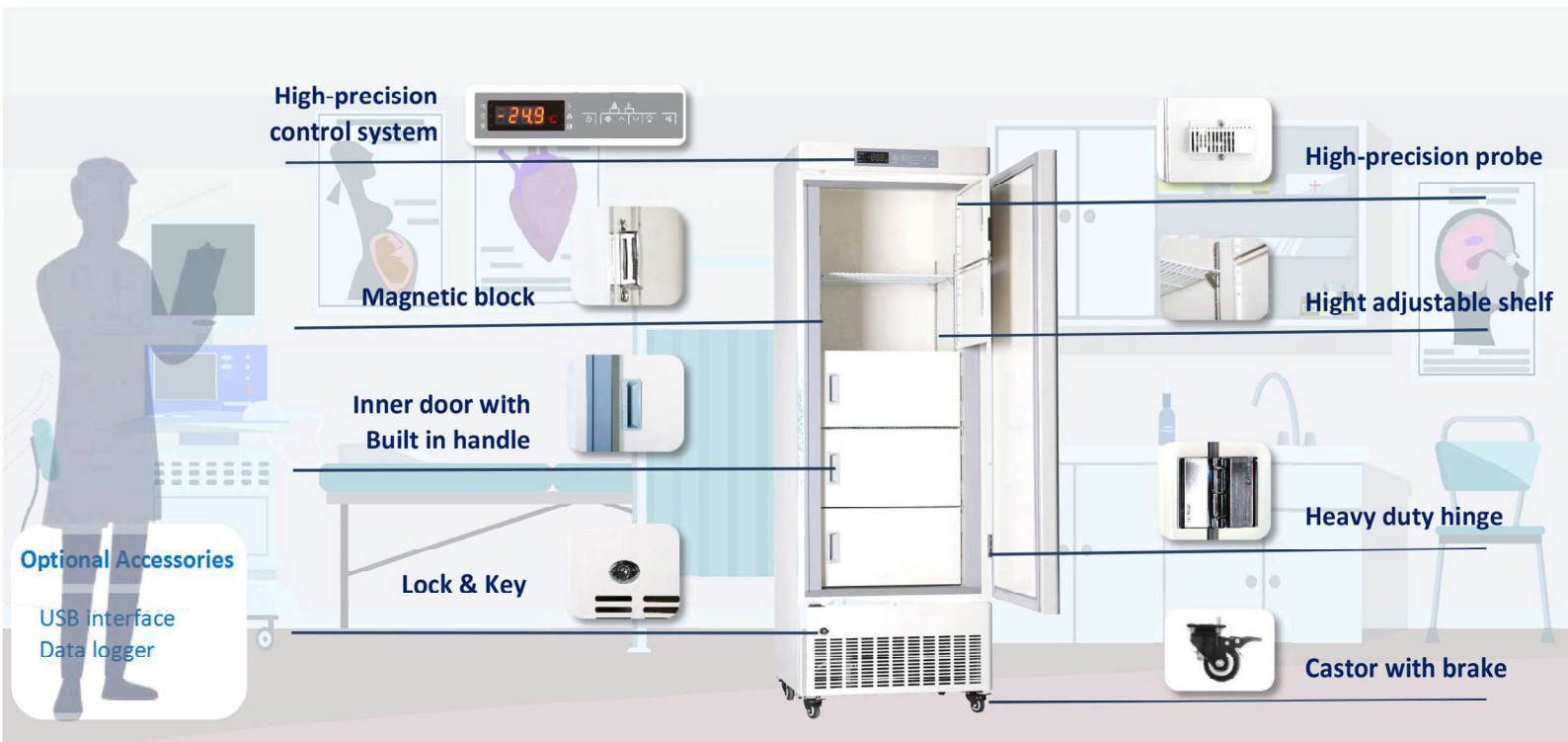
CFC-free refrigerant and energy-saving



Pull Down Test at Ambient



STRUCTURE



Sensor erro alarm

High/low temp. alarm

Power failure alarm

Door ajar alarm

Thermostat failure alarm



Coil evaporator cooling system makes the chamber temperature more uniform. The 4 independent inner doors give the cabinet better insulation performance and are more convenient to use.

PRODUCTS



SUF-25U100



SUF-25U268E



SUF-25U278W



SUF-25U328E



SUF-25U358



SUF-25U528



SUF-25U936



2~8°C Pharmacy Refrigerator is widely used in hospitals pharmacy stores and laboratories. This is for placing and preserving storage such as drugs, vaccines, enzymes, hormones, stem cells, extracted RNA and gene libraries and important biological and chemical reagents.

FEATURERS



Fast pull down
Forced air cooling system



Heating glass
Double layer Low-E glass for fast defogging



Suction circulation system
Big fans for better temperature uniformity



Universal castor wheels
Proven heavy-duty lockable castors



Lockable doors
Standard lock with keys



High-quality materials
Antibacterial and corrosion resistant



Precise temp. control
Temp. control accurate to 0.1°C



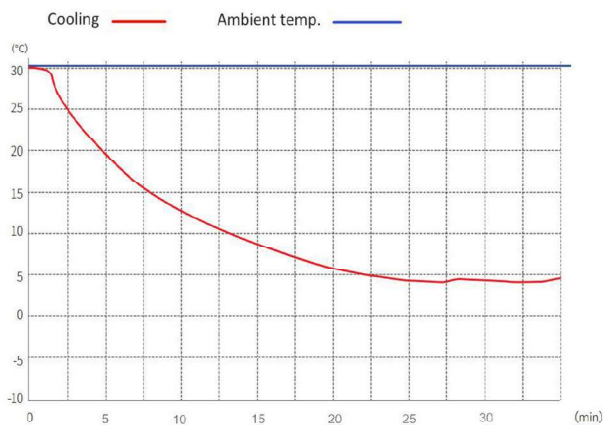
5 types of alarm
Audible and visual alarms



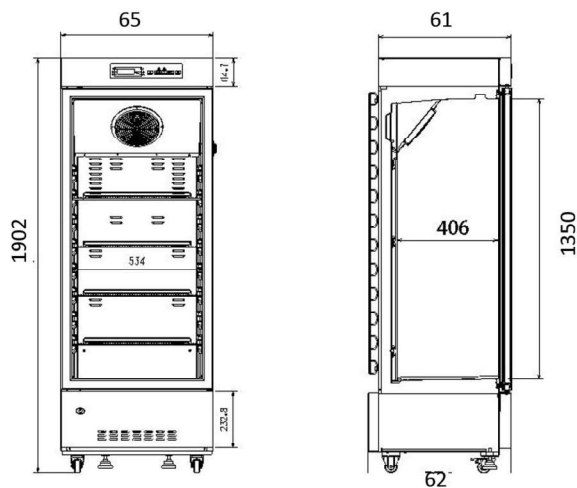
Variable space
Height adjustable shelves



Eco-friendly
CFC-free refrigerant and energy-saving



Pull Down Curve



STRUCTURE

High-precision control system



LED lighting
Big Suction fan



Heating glass



Lockable castors
Leveling feet



Standard Lock&key

Optional Accessories

USB interface
Data logger



External condenser

High/low temp. alarm

Power failure alarm

Door ajar alarm

Thermostat failure alarm



Real forced air circulation and excellent refrigeration system pull down the chamber temperature rapidly. Make sure the cabinet with fast recovery during working. And keep the chamber with good temperature uniformity and fluctuation.

PRODUCTS



SUF-5U312



SUF-5U315



SUF-5U316



SUF-5U415



SUF-5U416



SUF-5U656



SUF-5U1006



Blood bank refrigerator is an essential piece of equipment in the immunohematology department and provides safe and convenient storage of whole blood, blood components (e.g., blood cells, plasma), and reagents. It ensures freshness and integrity of blood and blood components. MBC-4V658 can store a total of 360 units of 450ml blood bags.

FEATURES



Fast pull down

Real forced air cooling system



Temp. simulation box

Accurately detect the temperature of blood



Suction circulation system

Big fans for better temp uniformity



Universal castor wheels

Proven heavy-duty lockable castors



Lockable doors

3 Standard locks with keys for 3 doors



High-quality SUS 304

Antibacterial and corrosion resistant



Precise temp. control

Temp. fluctuation is controlled at $4 \pm 0.5^\circ\text{C}$



5 types of alarm

Audible and visual alarms



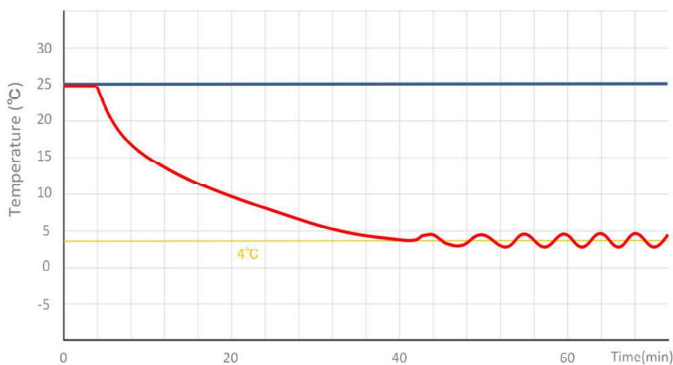
Variable space

Adjustable shelves and baskets

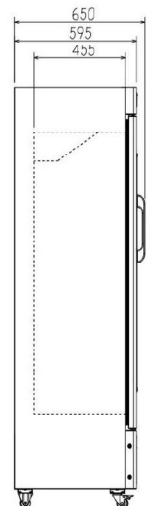
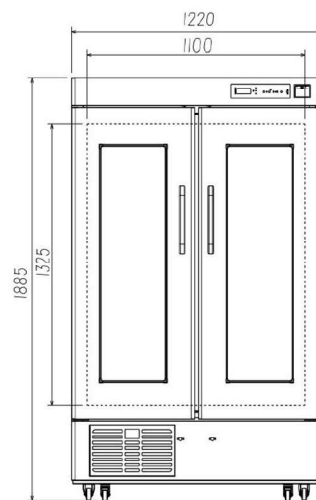


Eco-friendly

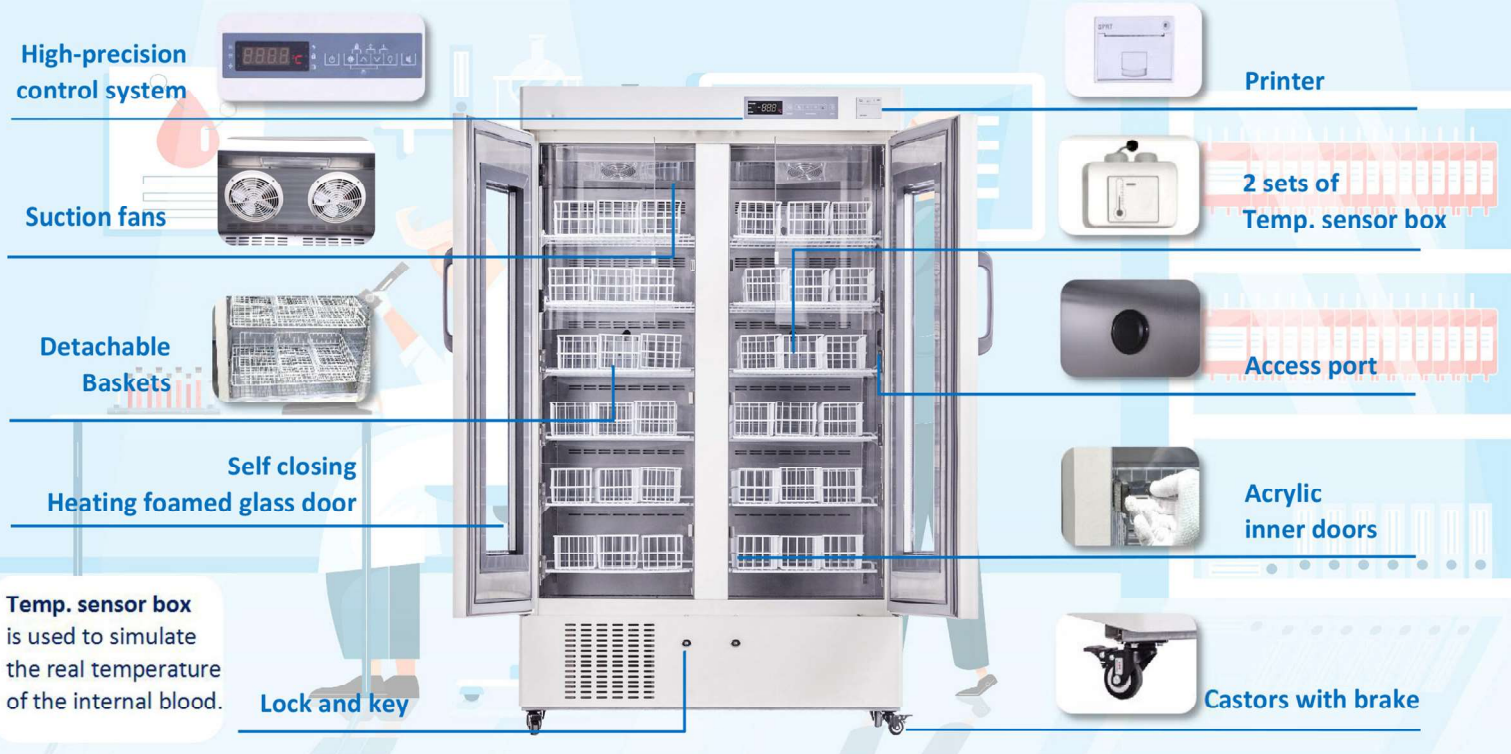
CFC-free refrigerant and energy-saving



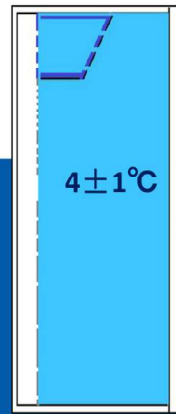
pull down test



STRUCTURE



- Heating foamed glass door
- Thermal printer
- High/low temp. alarm
- Door ajar alarm
- Power failure alarm
- Controller malfunction



Real forced air circulation and excellent refrigeration system pull down the chamber temperature rapidly. Precise cooling technology keeps the temperature inside the chamber constant at $4 \pm 1^{\circ}\text{C}$

PRODUCTS



SUF-4U1008



SUF-4U658



SUF-4U368



UF-4U208



SUF-4U108

TECHNICAL PARAMETER

Item	Model	SUF-4U108	SUF-4U208	SUF-4U368	SUF-4U658	SUF-4U1008
Specificaitons	Shelf/drawer	Shelves/2	Shelves/4	Shelves/4	Shelves/12	Drawers/12
	Cooling	Forced -air Cooling	Forced -air Cooling	Forced -air Cooling	Forced -air Cooling	Forced -air Cooling
	Defrost	Auto	Auto	Auto	Auto	Auto
	Refrigerant	R134a	R134a	R134a	R134a	R134a
	Power consumption(kWh/24h)	1.95	2.22	4.28	6.31	8.53
	Noise (db)	49.6dB(A)	51.2dB(A)	51.2 dB(A)	51.2 dB(A)	53.6 dB(A)
	Ambient temperature (℃)	10-32℃	10-32℃	10-32℃	10-32℃	10-32℃
	Temperature range (℃)	4±1℃	4±1℃	4±1℃	4±1℃	4±1℃
Cooling system	Compressor brand/QTY	EMBRACO/1	EMBRACO/1	EMBRACO/1	SECOP/1	SECOP/1
	Sensor	NTC	NTC	NTC	NTC	NTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display	Digital display
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	175W	183W	325	364W	513W
	Current (A)	1A	0.8A	2.2A	2.42A	2.37A
Material	Inside material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	108/3.81	208/7.34	368/12.98	658/23.23	1008/35.59
	Bloodbags(450ml)	66	132	200	360	576
	NT./GT. (kg)	74/95	96/120	128/135	202/257	265/335
	Exterior size(W*D*H)(mm)	540*630*1030	540*640*1530	785*565*1920	1220*648*1885	1240*860*1895
	Interior size(W*D*H)(mm)	432*462*478	432*462*978	685*429*1380	1100*454*1325	1100*684*1325
	Package size(W*D*H)(mm)	700*585*1200	590*700*1700	890*650*2100	1300*735*2110	1325*970*2130
	CBM	0.49	0.70	1.21	2.09	2.74
	20GP/40GP/40HQ	32/68/68	27/60/60	21/44/44	12/27/27	8/18/18
Alarm	High/low temperature	Y	Y	Y	Y	Y
	Power off	Y	Y	Y	Y	Y
	Temperature controller malfunction	Y	Y	Y	Y	Y
	Backup battery malfunction	Y	Y	Y	Y	Y
	Door ajar	Y	Y	Y	Y	Y
	Power failure backup system(alarm)	72h	72h	72h	72h	72h
Accessories	Caster	Y	Y	Y	Y	Y
	USB Port	Optional	Optional	Y	Optional	Optional
	Outer door/Type	1/Heating & Foam glass door	1/Heating & Foam glass door	1/Heating & Foam glass door	2/Heating & Foam glass door	2/Heating & Foam glass door
	Inner door	2	4	4	6	6
	Test hole	1/25MM	1/25MM	1/25MM	1/25MM	1/25MM
	Thermal Printer	Y	Y	Y	Y	Y
	Light	LED	LED	LED	LED	LED
	Temperature recorder	Optional Datalooger	Optional Datalooger	Optional Datalooger	Optional chart recorder	Optional chart recorder
Other	Certification	ISO, CE	ISO, CE	ISO, CE	ISO, CE	ISO, CE



-25°C/2~8°C
DC 12V/24V
AC 110V/220V



FEATURERS



Fast pull down

Better cooling performance



Multiple temp. options

2 setting temp. options, 2~8°C or -25°C



AC&DC power supply

Supporting AC 110V&220V, DC 12V or



Multi-layer stacking

High load-bearing capacity



Military-grade material

Drop-resistant PE rotomolding



Precise temp. control

Temp. control accurate to 0.1°C



4 types of alarm

Audible and visual alarms

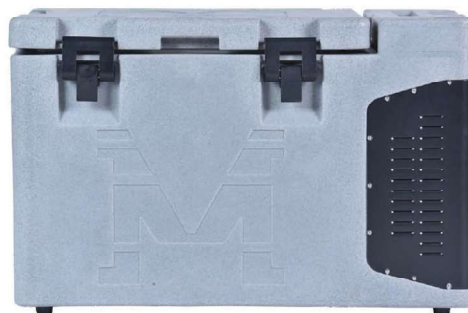


Eco-friendly

CFC-free refrigerant and energy-saving



Supporting both electric and vehicle power supply



Can be used as refrigerator or freezer

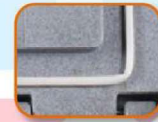


STRUCTURE

Dip-coated basket



Silicone sealings



SS handle



Forced air fan
Temp. sensor



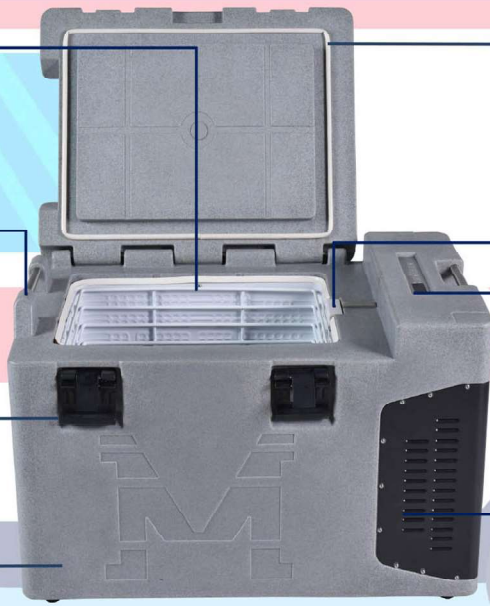
Sturdy latch



High precise temp. control

Military-grade
drop-proof PE cabinet

High Performance
Refrigeration Compressor



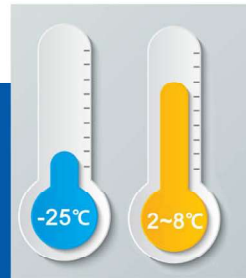
AC 110V&220V/DC 12V 24V

Sensor error alarm

Power failure alarm

High/low temp. alarm

Controller failure



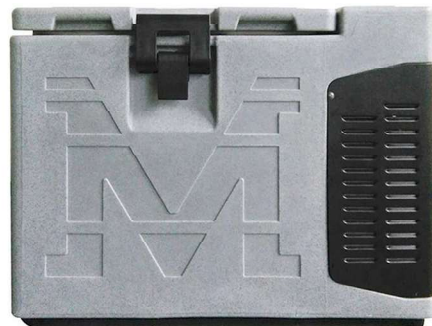
Temperature ranges

2~8°C for transporting drugs, vaccine, blood.
-10~-25°C for transporting vaccine, enzymes, hormones, stem cells, extracted RNA.

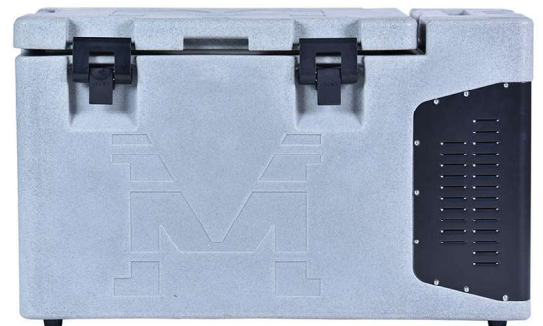
PRODUCTS



SUF-4V700LC



SUF-25H30LC



SUF-25H80LC

TECHNICAL PARAMETER

Item	Model	SUF-25H30LC	SUF-25H80LC	SUF-4V700LC
Specificalitons	shelves/basket	Basket around Evaporator	Basket around Evaporator	Blood Baskets
	Cooling method	Forced Air Cooling	Forced Air Cooling	Forced -air Cooling
	Defrost	Manual	Manual	No Frost
	Refrigerant	R134a	R134a	R134a
	Power consumption(kWh/24h)	1.2	1.6	1.6
	Noise (db)	45	46	50
	Ambient temperature (℃)	10~32℃	10~32℃	10~32℃
	Temperature range (℃)	-25/5℃	-25/5℃	4℃
Cooling system	Compressor brand/QTY	China Brand/1	China Brand/1	China Brand/1
	Sensor	NTC	NTC	NTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display
Power	Voltage/frequency (V/Hz)	220/50Hz、DC12V/24V, AC110V	220/50Hz、DC12V/24V,AC110	DC12V、DC24V、AC220V
	Power (W)	80W	100W	160W
	Current (A)	DC 6.5A	DC8A	DC12V/14A、DC24V/7A AC220V/1.5A
Material	Inside material	PE	PE	PE
	Outside material	PE	PE	PE
	Insulation	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	30/1.059	80/2.825	700/24.72
	NT./GT. (kg)	22/26	47/55	182/209
	Bloodbags(250ml/450ml)	48/16	/	/
	Exterior size(W*D*H)(mm)	615×370×471.5	937×565×580.5	1070*1120*1080
	Interior size(W*D*H)(mm)	364*253*352.5	547*378*369.5	939*973*863
	Package size(W*D*H)(mm)	670×430×520	990×630×630	1140*1190*1150
	CBM	0.16	0.41	1.56
Alarm	20GP/40GP/40HQ	160/340/425	54/108/144	16/40/40
	High/low temperature	Y	Y	Y
	Power failure	Y	Y	Y
	Sensor error	Y	Y	Y
	Thermostat failure	Y	Y	Y
Power failure backup system(alarm)	8h	8h	8h	
Accessories	Foot	/	/	PE Foot
	Temperature recorder	/	/	Optional
	Remote alarm port	Optional	Optional	/
Other	Certification	ISO,CE	ISO,CE	ISO,CE

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